## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

| Applicant's or agent's file reference  | FOR FURTHER   |                              | see Form PCT/ISA/220   |  |  |  |
|--|---|------------------------------|--|--|--|--|
| HMJ03752WO   | ACTION as   |                              | as well as, where applicable, item 5 below.  |  |  |  |
| International application No.  | International filing date (day/month/year)  |                              | (Earliest) Priority Date (day/month/year)  |  |  |  |
| PCT/GB2004/005390  | 22/12/2004  | 23/12/2003                   |  |  |  |  |
| Applicant  |   |                              |  |  |  |  |
|  |   |                              |  |  |  |  |
| SCHOOL OF PHARMACY, UNIVE  | RSITY OF LONDON   |                              |  |  |  |  |
| This International Search Report has bee according to Article 18. A copy is being tra            | n prepared by this International Sea<br>ansmitted to the International Burea  | arching Aut<br>au.           | horIty and is transmitted to the applicant   |  |  |  |
| This International Search Report consists  | of a total of 4 si  | neets.                       |  |  |  |  |
| X It is also accompanied by  | a copy of each prior art document   | cited in this                | report.  |  |  |  |
| Basis of the report     a. With regard to the language, the language in which it was filed, unli | international search was carried ou<br>ess otherwise indicated under this   | it on the ba<br>item.        | sis of the International application In the  |  |  |  |
| The international this Authority (Ru   | search was carried out on the basi le 23.1(b)).   | s of a trans                 | lation of the international application furnished to   |  |  |  |
| b. With regard to any <b>nucle</b> d   | otide and/or amino acid sequenc   | e disclosed                  | in the International application, see Box No. I.   |  |  |  |
| 2. Certain claims were fou   | nd unsearchable (See Box II).   |                              |  |  |  |  |
| 3. Unity of invention is lac   | king (see Box III).   |                              |  |  |  |  |
| 4. With regard to the <b>title</b> ,   |   |                              |  |  |  |  |
| the text is approved as su   | bmitted by the applicant.   |                              |  |  |  |  |
|  | hed by this Authority to read as fol  |                              |  |  |  |  |
| ANTHARQUINONE COMPOUND   | S AS ANTI CANCER COM  | POUNDS                       |  |  |  |  |
|  |   |                              |  |  |  |  |
|  |   |                              |  |  |  |  |
|  |   |                              |  |  |  |  |
|  |   |                              |  |  |  |  |
|  |   |                              |  |  |  |  |
| 5. With regard to the abstract,  |   |                              |  |  |  |  |
| X the text is approved as su   | bmitted by the applicant.   |                              |  |  |  |  |
| the text has been establish may, within one month fro  | ned, according to Rule 38.2(b), by m the date of mailing of this internate and the date of mailing of the second sec | this Authori<br>ational sear | ity as it appears in Box No. IV. The applicant ch report, submit comments to this AuthorIty.   |  |  |  |
| 6. With regard to the <b>drawings</b> ,  |   |                              |  |  |  |  |
| a. the figure of the drawings to be pu   | ublished with the abstract is Figure  | No                           | - Control of the Cont |  |  |  |
| as suggested by the  | ne applicant.   |                              |  |  |  |  |
|  | Authority, because the applicant  |                              | <del>-</del>   |  |  |  |
|  | Authority, because this figure bet  | er characte                  | erizes the invention.  |  |  |  |
| b. X none of the figures is to be  | published with the abstract.  |                              |  |  |  |  |

CLASSIFICATION OF SUBJECT MATTER
PC 7 C07D207/06 C07D C07D211/22 C07D211/46 CO7D207/12 C07D207/08 CO7D207/10 CO7D211/18 C07D211/38 C07D207/46 C07D211/94 A61K31/445 A61P35/00 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 CO7D A61K A61P Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X COLLIER D A ET AL: "SYNTHESIS, MOLECULAR 1 - 29MODELING, DNA BINDING, AND ANTITUMOR PROPERTIES OF SOME SUBSTITUTED AMIDOANTHRAQUINONES" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US vol. 31, no. 4, 1988, pages 847-857, XP002063827 ISSN: 0022-2623 Compounds 4,5,8,9 page 850, right hand column - page 851 left hand column: "The two compounds ...with compound 8 showing the highest values" table 10 -/--Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international fifing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not cited to understand the principle or theory underlying the considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed. Invention cannot be considered novel or cannot be considered to "L" document which may throw doubts on priority claim(s) or Involve an inventive step when the document is taken alone which is cited to establish the publication date of another "Y" document of particular relevance; the claimed invention citation or other special reason (as specified) cannot be considered to involve an Inventive step when the "O" document referring to an oral disclosure, use, exhibition or document is combined with one or more other, such documents, such combination being obvious to a person skilled in the art document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent lamily Date of the actual completion of the international search Date of mailing of the international search report 30 March 2005 11/04/2005 Name and malling address of the ISA Authorized officer European Patent Office, P.B. 5818 Patenllaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Diederen, J Fax: (+31~70) 340~3016

| C.(Continua | ation) DOCUMENTS CONSIDERED TO BE RELEVANT   |                       |
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| itegory °   | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
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